File Format — Native Content
Information

File Format — Native Content
Information

11

11

8

12

Document
Agent

Document
Agent

12

12

16

Library

Further processed
e.g. compact reformat

Internal Representation

14

15

Storage
Local/Remote

Described in terms
of generic library objects

42

Parser/
Renderer

18

40

30

22

Shape
Processor

44

26

10

Figure 1

"bubble" thumbnails

26

52

44

Interaction still possible in thumbnail, main view, and magnification

smaller views proportional to 'distance' from current page

Figure 3

Current view

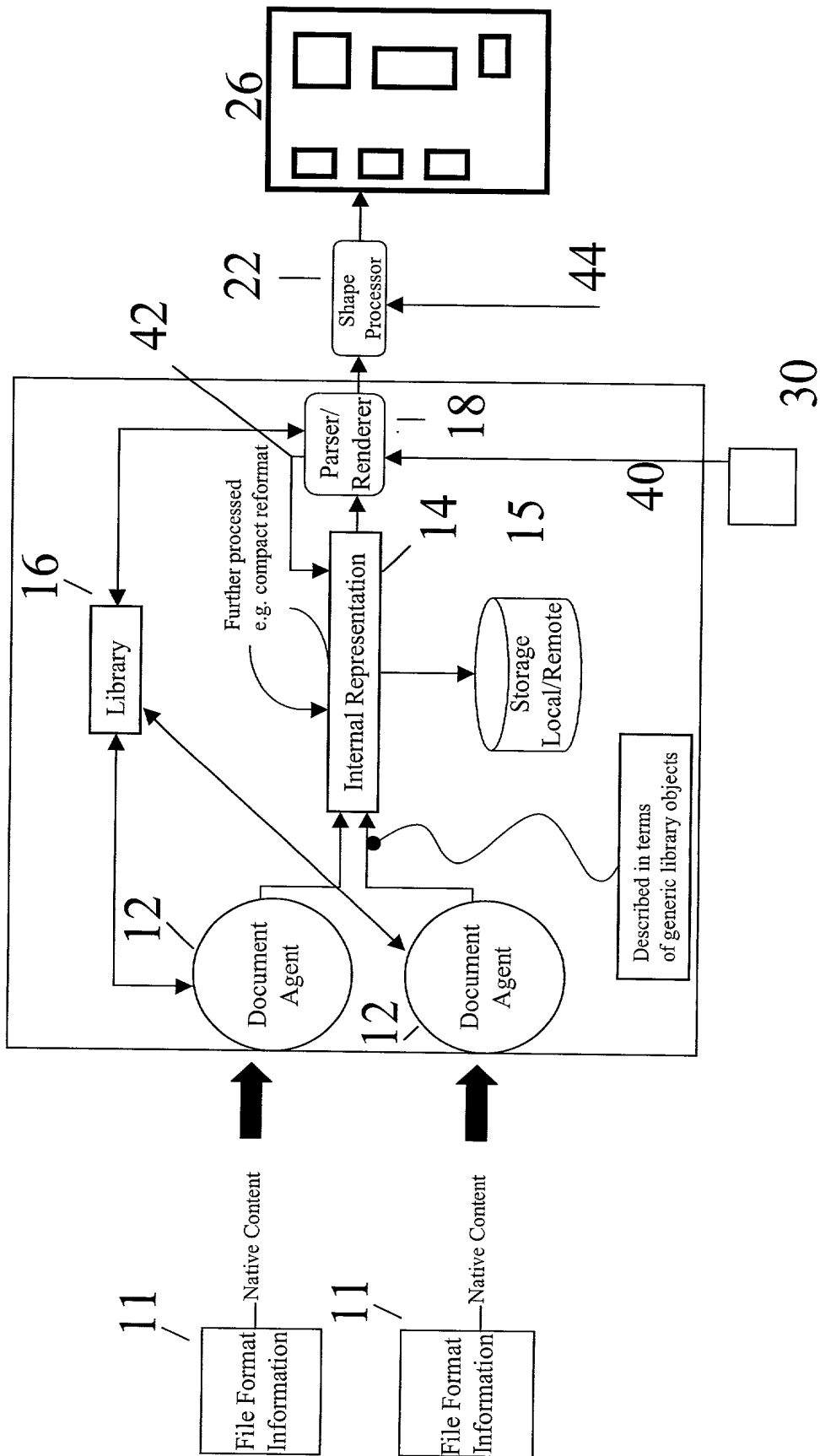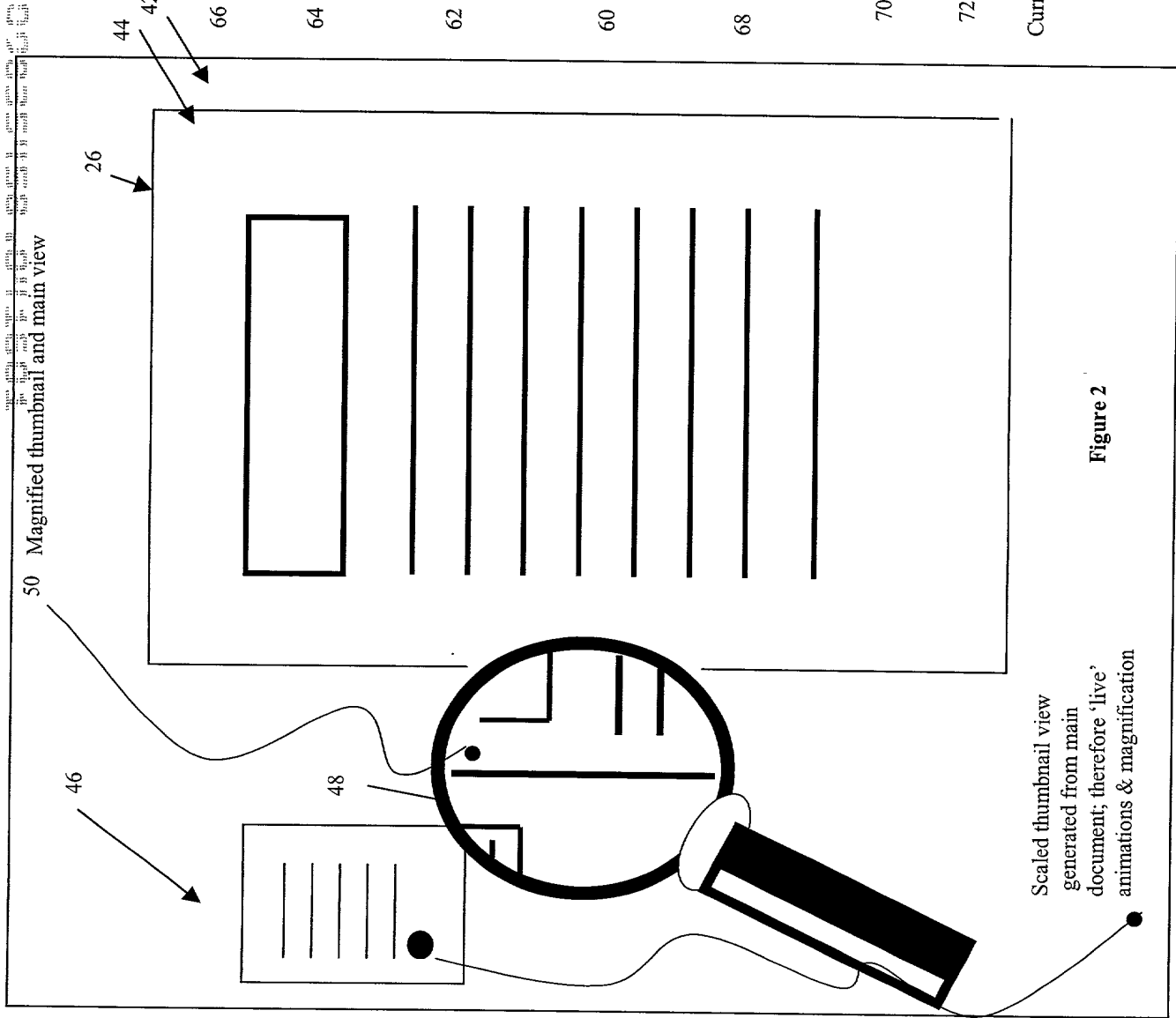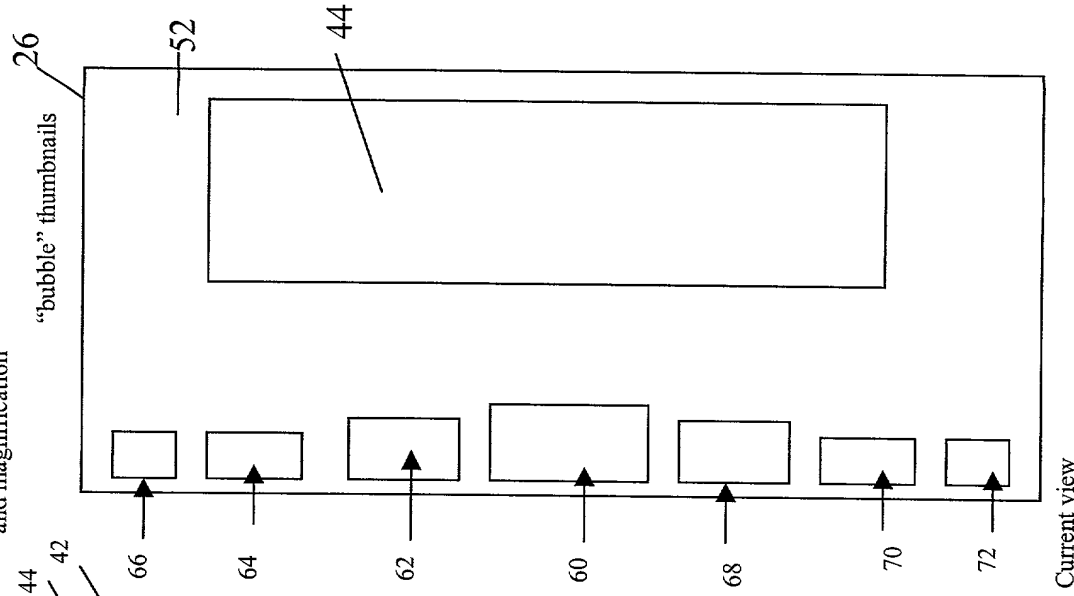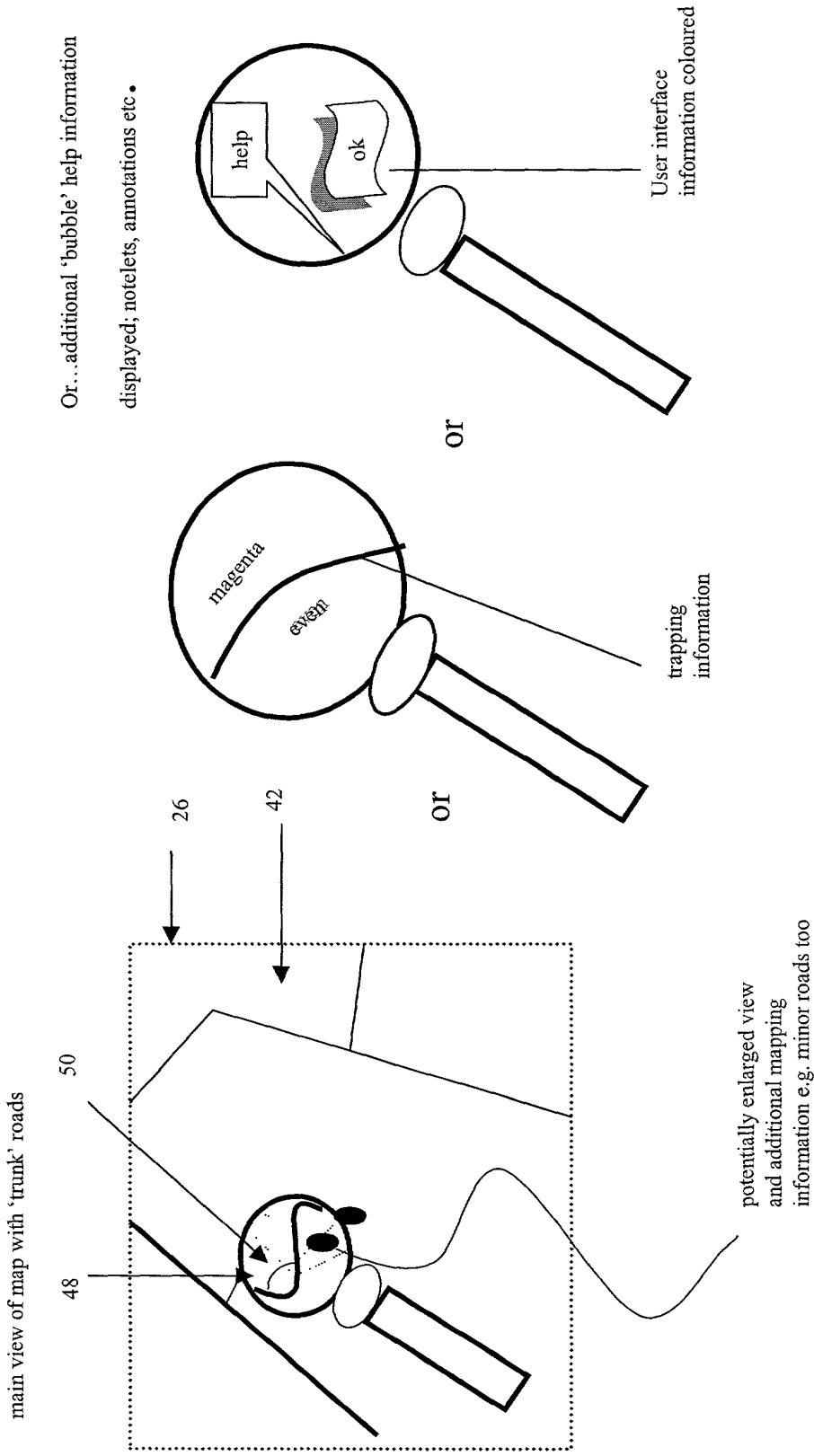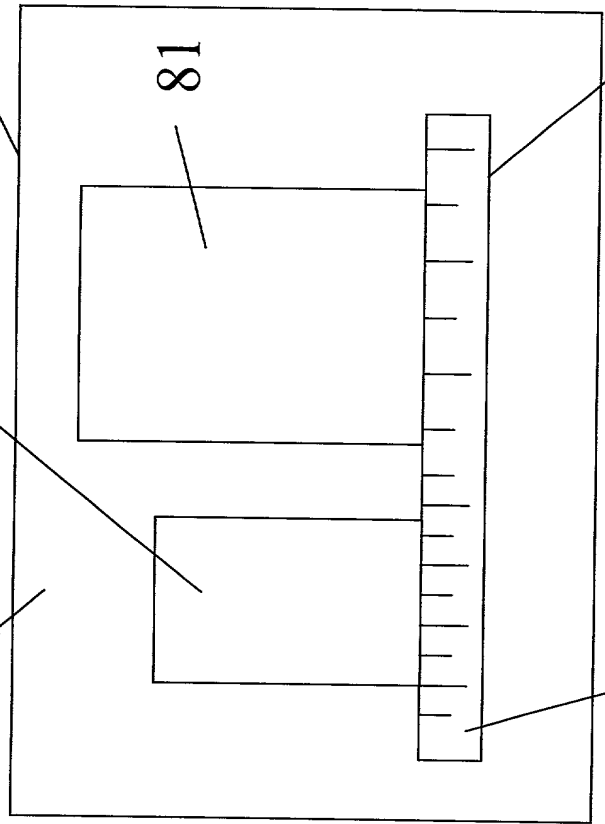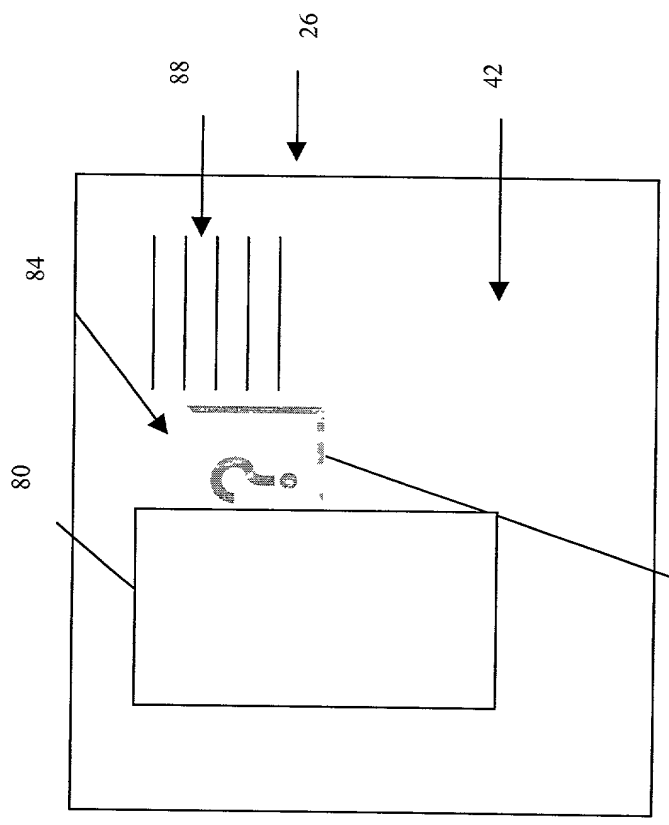66 64 62 60 68 70 72

42 44

50 Magnified thumbnail and main view

26

46

48

Scaled thumbnail view generated from main document; therefore 'live' animations & magnification

Figure 2

Or…additional 'bubble' help information

displayed; notelets, annotations etc.

help

ok

User interface
information coloured

or

magenta

even

trapping
information

or

26

42

50

48

main view of map with 'trunk' roads

potentially enlarged view
and additional mapping
information e.g. minor roads too

Figure 4

floating semi-transparent query displays annotations for underlying objects

Figure 6

floating semi-transparent ruler…shows scale adapting to zoom of underlying object -works with magnifier

Figure 5

Click and drag from magnifier tool button,
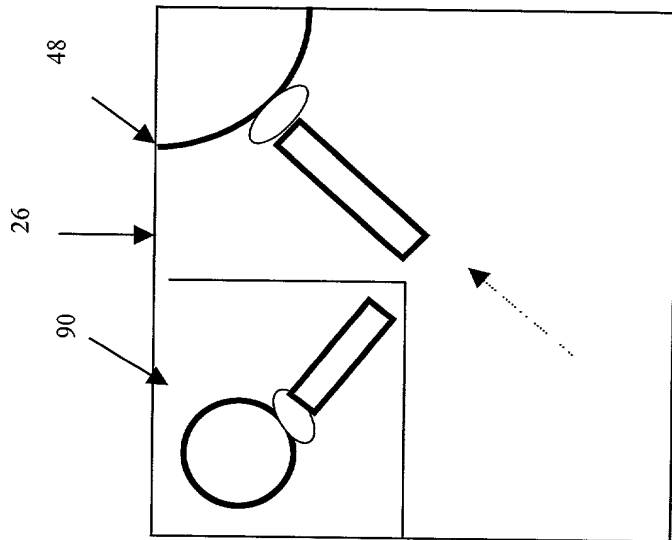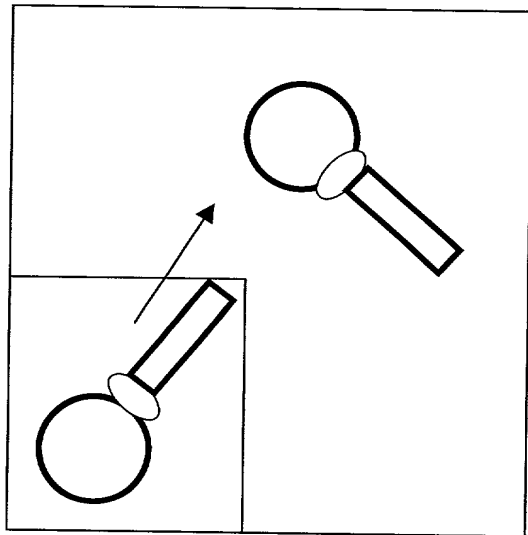crates and drags magnifier onto/across screen

48

26

90

Figure 7A

'push' drag tool 'off' screen
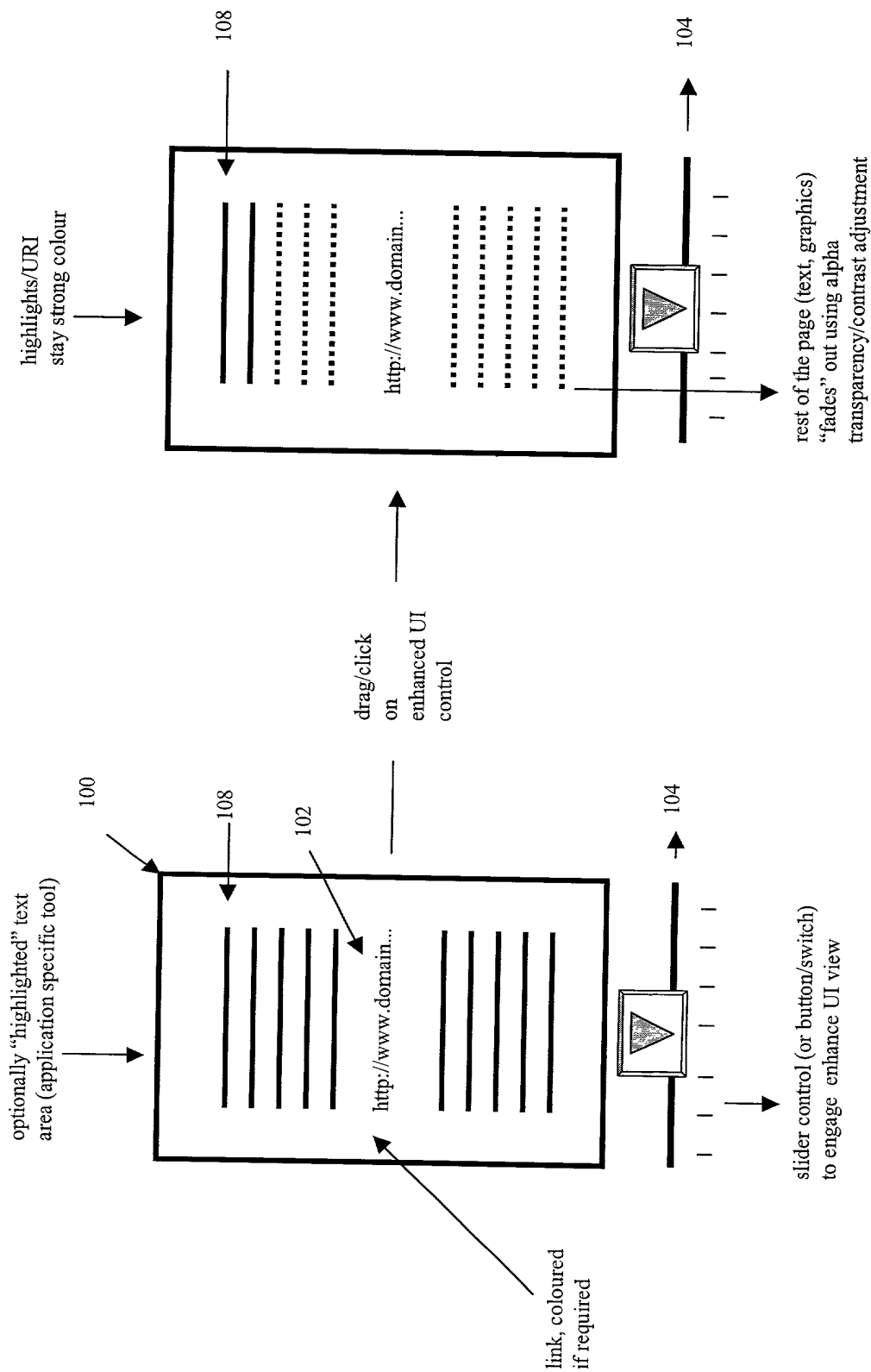in any direction removes object
and restores 'icon'

Figure 7B

highlights/URI
stay strong colour

108

http://www.domain...

104

rest of the page (text, graphics)
"fades" out using alpha
transparency/contrast adjustment

Figure 8B

drag/click
on
enhanced UI
control

100

108

102

optionally "highlighted" text
area (application specific tool)

http://www.domain...

link, coloured
if required

104

slider control (or button/switch)
to engage enhance UI view

Figure 8A

Figure 9

120

122

124

hello

same as 65a, but sequence of
characters entered, plate
remains still, text scrolls
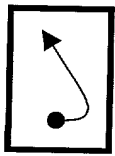underneath

Figure 10

124

130
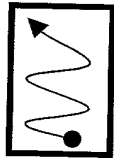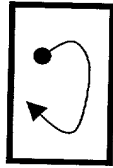
132

134

he

he

he

hello
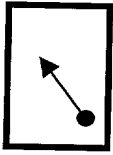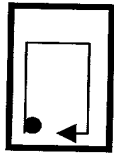
138

Figure 11

= OK

Figure 12A

= Delete

Figure 12B

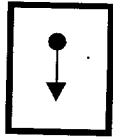= home page
or
start over

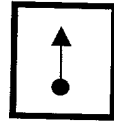Figure 12C

= wipe
or
no

Figure 12D

= paragraph
select

Figure 12E

= next

Figure 12F

= previous

Figure 12G

click

Page stops (velocity = 0)
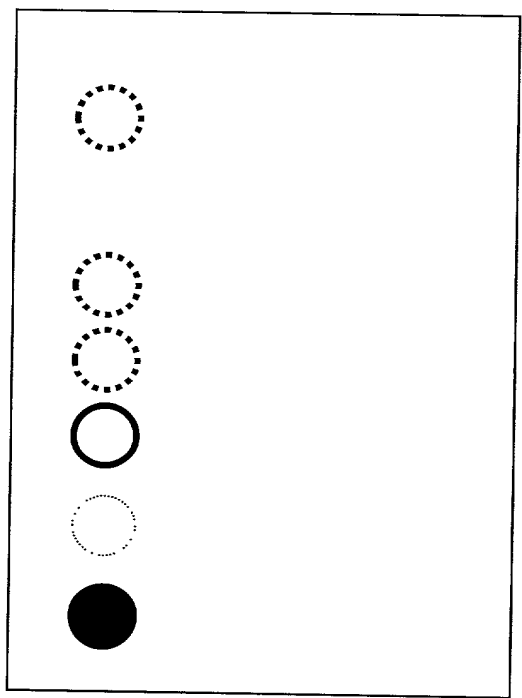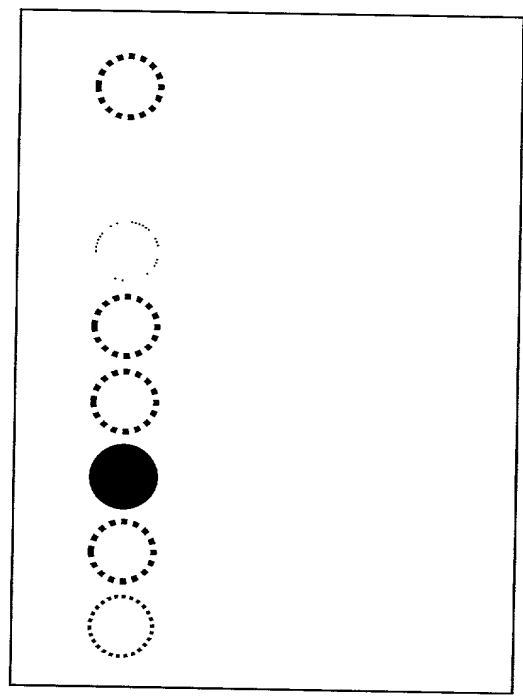
Figure 13A

click

Drag again

click

Figure 13B